SEQUENCE LISTING

<110> Chen, Zhijian J.

<120> A KINASE CAPABLE OF SITE SPECIFIC
PHOSPHORYLATION OF IkBa

<130> MPI96-031CP1DV1CPACN1M

<140> 10/052005
<141> 2002-01-17

<150> 09/406293
<151> 1999-09-24

<150> 08/825559
<151> 1997-03-19

<150> 08/616499
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<160> 9

<170> FastSEQ for Windows Version 4.0
<170> PatentIn Release #1.0, Version #1.30

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Xaa Tyr Val Glu Xaa Glu Arg
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ccacggtgga tcagcgccta cccgagtgtg cgaagtatgc caaggaagga agacttcaag 180
aagtcattga aacccttctc tctctggaaa agcagactcg tactgcttcc gatatggtat 240
cgacatcccg tatcttagtt gcagtagtga agntgtgcta tgaggctaaa gaatgggatt 300
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ccctgagcaa cctgccgaaa gcccgagctg ccttaacttc ttctcgaacc acagcaaatg 180
ccatctactg ccccctaaat tgcaggccac cttggacatg cagtcgggta ttatccatgc 240
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Gly Leu Asp Ser Met Lys Asp Glu Glu Tyr Glu Gln Met Val Lys Glu
        35                  40                  45
Leu Gln Glu Ile Arg Leu Glu Pro Gln Glu Val Pro Arg Gly Ser Glu
    50                  55                  60
Pro Trp Lys Gln Gln Leu Thr Glu Asp Gly Asp Ser Phe Leu His Leu
65                  70                  75                  80
Ala Ile Ile His Glu Glu Lys Ala Leu Thr Met Glu Val Ile Arg Gln
                85                  90                  95
Val Lys Gly Asp Leu Ala Phe Leu Asn Phe Gln Asn Asn Leu Gln Gln
            100                 105                 110
Thr Pro Leu His Leu Ala Val Ile Thr Asn Gln Pro Glu Ile Ala Glu
        115                 120                 125
Ala Leu Leu Gly Ala Gly Cys Asp Pro Glu Leu Arg Asp Phe Arg Gly
    130                 135                 140
Asn Thr Pro Leu His Leu Ala Cys Glu Gln Gly Cys Leu Ala Ser Val
145                 150                 155                 160
Gly Val Leu Thr Gln Ser Cys Thr Thr Pro His Leu His Ser Ile Leu
                165                 170                 175
Lys Ala Thr Asn Tyr Asn Gly His Thr Cys Leu His Leu Ala Ser Ile
            180                 185                 190
His Gly Tyr Leu Gly Ile Val Glu Leu Leu Val Ser Leu Gly Ala Asp
        195                 200                 205
Val Asn Ala Gln Glu Pro Cys Asn Gly Arg Thr Ala Leu His Leu Ala
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Val Asp Leu Gln Asn Pro Asp Leu Val Ser Leu Leu Leu Lys Cys Gly
225                 230                 235                 240
Ala Asp Val Asn Arg Val Thr Tyr Gln Gly Tyr Ser Pro Tyr Gln Leu
                245                 250                 255
Thr Trp Gly Arg Pro Ser Thr Arg Ile Gln Gln Gln Leu Gly Gln Leu
            260                 265                 270
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Thr Leu Glu Asn Leu Gln Met Leu Pro Glu Ser Glu Asp Glu Glu Ser
        275                 280                 285
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    290                 295                 300
Tyr Asp Asp Cys Val Phe Gly Gly Gln Arg Leu Thr Leu
305                 310                 315
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